AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of controlling input in a host device capable of generating video signals and having a main unit and an input unit, the host device capable of being connected to a display device, the method comprising:

(a) sensing input via the input unit;

(b) determining a plurality of output modes of the display device based on a plurality of outside signals received by the display device ~~by communicating with the display device~~, ~~the~~ wherein an output mode among the plurality of output modes ~~being~~ is selected by the user for displaying one of an outside signal among ~~a~~ the plurality of outside signals received by the display device; and

(c) processing the input by the main unit according to the output mode after sensing the input from the input unit;

wherein, at the host device, the input from the input unit is one of canceled and executed in accordance with the output mode of the display device,

wherein the operation (c) comprises, if the output mode of the display device is not a mode for displaying the video signal generated by the host device, canceling the input, and

wherein the operation (c) comprises, if the output mode of the display device is the mode for displaying the video signal generated by the host device, executing the input.

Claims 2 and 3 (canceled).

4. (previously presented): The method of claim 1, wherein the host device is a PC.

5. (previously presented): The method of claim 1, wherein communication between the display device and the main unit is performed by at least one of a serial and parallel communication.

6. (previously presented): The method of claim 5, wherein the serial communication between the display device and the main unit is performed by I2C bus/protocol system.

7. (previously presented): The method of claim 1, wherein the input unit is a keyboard.

8. (previously presented): The method of claim 1, wherein the input unit is a mouse.

9. (currently amended): A host device capable of generating video signals and capable of being connected to a display device, the host device comprising:

an input unit;

a main unit comprising:

a sensor which senses the input from the input unit;

a detector which detects ~~an~~ a plurality of output modes of the display device based on a plurality of outside signals received by the display device, wherein ~~the~~ an output mode among

the plurality of output modes ~~being~~ is selected by the user for displaying one of an outside signal among ~~a~~ the plurality of outside signals received by the display device; and

a processor which processes the input by the input unit according to the output mode of the display device;

wherein, at the host device, the input from the input unit is one of canceled and accepted for processing by the processor in accordance with the output mode of the display device,

wherein if the output mode of the display device is not a mode for displaying the video signal generated by the host device, canceling the input, and

wherein if the output mode of the display device is the mode for displaying the video signal generated by the host device, executing the input.

10. (previously presented): The host device of claim 9, wherein the input unit is a keyboard.

11. (previously presented): The host device of claim 9, wherein the input unit is a mouse.

12. (currently amended): A method of controlling input in a multifunction product having an input unit, display device and a main unit, the method comprising:

(a) sensing input via the input unit;

(b) determining a plurality of output modes of the display device based on a plurality of outside signals received by the display device ~~by communicating with the display device~~, ~~the~~ wherein an output mode among the plurality of output modes ~~being~~ is selected by the user for displaying one of outside signals among the plurality of outside signals received by the display device; and

(c) processing the input by the main unit according to the output mode after sensing the input from the input unit;

wherein, at said input unit, the input from the input unit is one of canceled and executed in accordance with the output mode of the display device,

wherein the operation (c) comprises, if the output mode of the display device is not a mode for displaying the video signal generated by the host device, canceling the input, and

wherein the operation (c) comprises, if the output mode of the display device is the mode for displaying the video signal generated by the host device, executing the input.

13. (previously presented): The method of claim 12, further comprising displaying a current mode indicator according to the output mode of the display device.

14. (previously presented): The method of claim 12, wherein communication between the display device and the main unit is performed by at least one of serial and parallel communication.

15. (previously presented): The method of claim 14, wherein the serial communication between the display device and the main unit is performed by I2C bus/protocol system.